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L10 extens\$ near6 debug\$ and partition\$ and operating system and (acces\$
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L8 extens\$ near6 debug\$ and partition\$ and operating system and (acces\$
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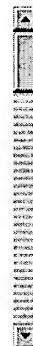
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J. Eric Roskos, Robert I. Winner
 December 1981 **Proceedings of the 14th annual workshop on Microprogramming**

Full text available:  pdf(624.75 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A master/slave model of writable control store is presented which is claimed to be a better representation of the operating system view of control store than models which more accurately portray the physical reality. Reported work includes the completed development of UNIX tools: an assembler generating relocatable, linkable microcode; a linking, relocating loader; a fast absolute loader; an interactive hard debugging aid allowing the setting of breakpoints; and alterations of the ...

2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren
 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available:  pdf(4.21 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

3 [Design challenges of virtual networks: fast, general-purpose communication](#)

Alan M. Mainwaring, David E. Culler
 May 1999 **ACM SIGPLAN Notices , Proceedings of the seventh ACM SIGPLAN symposium on Principles and practice of parallel programming**, Volume 34 Issue 8

Full text available:  pdf(1.57 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Virtual networks provide applications with the illusion of having their own dedicated, high-performance networks, although network interfaces possess limited, shared resources. We present the design of a large-scale virtual network system and examine the integration of communication programming interface, system resource management, and network interface operation. Our implementation on a cluster of 100 workstations quantifies the impact of

